## SEQUENCE LISTING

<110>	Nakamura, Yusuke Katagiri, Toyomasa Oncotherapy Science, Inc. The University of Tokyo	
	METHOD FOR DIAGNOSING TESTICULAR INOMAS	
<130>	082368-003800US	
	PCT/JP03/11711 2003-09-12	
	US 60/414,677 2002-09-30	
<160>	86	
<170>	FastSEQ for Windows Version 4.0	
<210><211><211><212><213>	22	
<220> <223>	Artificially synthesized primer sequence for RT-PCR	
<400> tgatca	1 gtgt atgcgaaaag gt	22
<210><211><211><212><213>	23	
	Artificially synthesized primer sequence for RT-PCR	
<400>		
	ggtg agtttattgt cca	23
<210><211><211><212><213>	20	
<220> <223>	Artificially synthesized primer sequence for RT-PCR	
(400> tgcca	3 tgga caagattcac	20
(210> (211>		

	DNA Artificial Sequence	
<220> <223>	Artificially synthesized primer sequence for RT-PCR	
<400> ttgtc	4 tgatc cagcaagcag	20
<210><211><212><212><213>	20	
<220> <223>	Artificially synthesized primer sequence for RT-PCR	
<400> cggaa	5 ccaaa cctaagaagc	20
<210> <211> <212> <213>	22	
<220> <223>	Artificially synthesized primer sequence for RT-PCR	
<400> cttcac	6 cagee ttageageae tt	22
<210> <211> <212> <213>	20	
<220>	•	
<223>	Artificially synthesized primer sequence for RT-PCR	
<400>	RT-PCR 7	
<400>	RT-PCR	20
<400> cctctc <210> <211> <212>	RT-PCR 7 gcaaa cagaatcttg 8 25	20
<400> cctctc <210> <211> <212> <213> <220>	RT-PCR 7 gcaaa cagaatcttg 8 25 DNA	20
<400> cctctq 1 <210> <211> <212> <213> <223> <400>	RT-PCR 7 gcaaa cagaatcttg 8 25 DNA Artificial Sequence Artificially synthesized primer sequence for RT-PCR	20
<400> cctctq 1 <210> <211> <212> <213> <223> <400>	RT-PCR 7 gcaaa cagaatcttg 8 25 DNA Artificial Sequence  Artificially synthesized primer sequence for RT-PCR 8 gtaga agcttacata gggca	

<213>	Artificial Sequence	
<220> <223>	Artificially synthesized primer sequence for RT-PCR	
<400> ggaaa	9 taagg cttgctgttt gt	22
<210><211><211><212><213>	22	
<220> <223>	Artificially synthesized primer sequence for RT-PCR	
<400> aatag	10 tgggt ttccacacat gg	22
<210><211><211><212><213>	22	
<220> <223>	Artificially synthesized primer sequence for RT-PCR	
<400> cacaac	11 catgc aatgtgtctg tg	22
<210><211><211><212><213>	22	
<220> <223>	Artificially synthesized primer sequence for RT-PCR	
<400> tcctct	12 aaga cttgcaagca gc	22
<210><211><211><212><213>	22	
<220> <223>	Artificially synthesized primer sequence for RT-PCR	
<400> catgaa	13 ggaa aacgggatta tg	22
<210><211><211><212><213>	21	

<220>	Artificially synthesized primer sequence for	
	RT-PCR	
<400>	14	
gtgca	gaaag agactcatcc g	21
<210>		
<211> <212>		
	· DNA · Artificial Sequence	
<220>		
<223>	Artificially synthesized primer sequence for RT-PCR	
<400>	15	
tccca	cctaa cctctgcatc	20
<210>	16	
<211>		
<212>		
<213>	Artificial Sequence	
<220>		
<223>	Artificially synthesized primer sequence for RT-PCR	
<400>	16	
	gcgac catttcttta	20
<210>	17	
<211>		
<212>		
<213>	Artificial Sequence	
<220>		
<223>	Artificially synthesized primer sequence for RT-PCR	
<400>	17	
ggctga	atact tctctcatct tgc	23
<210>	18	
<211>		
<212>		
<213>	Artificial Sequence	
<220>		
<223>	Artificially synthesized primer sequence for RT-PCR	
<400>	18	
gccaco	cacat ctttattgca tac	23
<210>	19	
<211>		
<212>		
<213>	Artificial Sequence	

<223>	Artificially synthesized primer sequence for RT-PCR	
<400> tgggg	19 ttcta agacaaagaa ctg	23
<210><211><211><212><213>	23	
<220> <223>	Artificially synthesized primer sequence for RT-PCR	
<400> gtgaga	20 aaaac cagtgtcaaa tcc	23
<210> <211> <212> <213>	23	
<220> <223>	Artificially synthesized primer sequence for	
	RT-PCR	
<400> tgctgc	21 gtgct atttactgac gta	23
<210><211><211><212><213>	23	
	Artificially synthesized primer sequence for RT-PCR	
<400> aaaaga	22 eccgt ttctgactct gtg	23
<210><211><211><212><213>	20	
	Artificially synthesized primer sequence for RT-PCR	
<400>		
aagtga	cete eteteettee	20
<210><211><211><212><213>	23	
	AFLIFICIAL SOCIODO	

<223>	Artificially synthesized pRT-PCR	primer	sequence	for	
<400> caccct	24 ttcct ccaagtcttt tat			2	23
<210> <211> <212> <213>	23				
<220> <223>	Artificially synthesized pRT-PCR	primer	sequence	for	
<400> gaacco	25 cagtg gatgtaacag aac			2	23
<210><211><211><212><213>	23				
<220> <223>	Artificially synthesized pRT-PCR	primer	sequence	for	
<400> tactgo	26 cagag acttagctgg tcc			2	23
<210> <211> <212> <213>	23				
<220> <223>	Artificially synthesized pRT-PCR	primer	sequence	for	
<400> acttat	27 agtc ctgcgagtct ggg			. 2	:3
<210><211><211><212><213>	22				
<220> <223>	Artificially synthesized pRT-PCR	primer	sequence	for	
<400> ggcago	28 gagag aagaacatct tg			2	2
<210><211><211><212><213>	22				
<220×					

	<223>	Artificially synthesized primer sequence for RT-PCR	
	<400> catct		22
	<210> <211> <212> <213>	22	
	<220> <223>	Artificially synthesized primer sequence for RT-PCR	
	<400> gatca		22
	<210><211><211><212><213>	20	
	<220> <223>	Artificially synthesized primer sequence for RT-PCR	
	<400> gggctq		20
4	<210><211><211><212><213>	23	
	<220> <223>	Artificially synthesized primer sequence for RT-PCR	
	<400> ccaac		23
<	<pre>&lt;210&gt;</pre> <pre>&lt;211&gt;</pre> <pre>&lt;212&gt;</pre> <pre>&lt;213&gt;</pre>	23	
	<220> <223>	Artificially synthesized primer sequence for RT-PCR	
	(400> cactca		23
<	<pre>(210&gt;) (211&gt;) (212&gt;) (213&gt;)</pre>	23	
	(220> (223>	Artificially synthesized primer sequence for	

## RT-PCR

<400> 34 gtgatgtgaa gcaaggtagt tcc	23
<210> 35 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Artificially synthesized primer sequence for RT-PCR	
<400> 35 gccaaaaatg gctctctagg	20
<210> 36 <211> 23 <212> DNA <213> Artificial Sequence	
<220> <223> Artificially synthesized primer sequence for RT-PCR	
<400> 36 cagacacgca cttgtggttt att	23
<210> 37 <211> 21 <212> DNA <213> Artificial Sequence	
<220> <223> Artificially synthesized primer sequence for RT-PCR	
<400> 37 gtgtccactt agagcctcac g	21
<210> 38 <211> 23 <212> DNA <213> Artificial Sequence	
<220> <223> Artificially synthesized primer sequence for RT-PCR	
<400> 38 atcettette etataettee eee	23
<210> 39 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Artificially synthesized primer sequence for	

## RT-PCR

<400> tttaa	39 tcagg ccctgtctgc	20
<210><211><211><212><213>	23	
<220> <223>	Artificially synthesized primer sequence for RT-PCR	
<400> ggggt	40 ataga aatggaatgg aga	23
<210><211><212><212><213>	23	
<220> <223>	Artificially synthesized primer sequence for RT-PCR	
<400>	41	
ctggaa	agaag aaggaacagg tct	23
<210><211><211><212><213>	23	
<220> <223>	Artificially synthesized primer sequence for RT-PCR	
<400> ggttgd		23
<210><211><211><212><213>	23	
<220> <223>	Artificially synthesized primer sequence for RT-PCR	
<400> caaatq	43 getet getttgtaet eet	23
<210><211><211><212><213>	23	
<220> <223>	Artificially synthesized primer sequence for RT-PCR	

<400> 44 catgaatgag cctgaaatag tcc	23
<210> 45 <211> 23 <212> DNA <213> Artificial Sequence	
<220> <223> Artificially synthesized primer sequence for RT-PCR	
<400> 45 cgggaggatt gtaagatact gtg	23
<210> 46 <211> 23 <212> DNA <213> Artificial Sequence	
<220> <223> Artificially synthesized primer sequence for RT-PCR.	
<400> 46 acttctcatg agttcagcct cag	23
<210> 47 <211> 23 <212> DNA <213> Artificial Sequence	
<220> <223> Artificially synthesized primer sequence for RT-PCR	
<400> 47 gtagatgtgg ggacaacaga gag	23
<210> 48 <211> 23 <212> DNA <213> Artificial Sequence	
<220> <223> Artificially synthesized primer sequence for RT-PCR	
<400> 48 tttaaagtca ccttaggttg ggg	23
<210> 49 <211> 22 <212> DNA <213> Artificial Sequence	
<220> <223> Artificially synthesized primer sequence for	

<400> gttttt	gtgg ggactaagag tg	22
<210><211><211><212><213>	23	
	Artificially synthesized primer sequence for RT-PCR	
<400> ggagga		23
<210> : <211> : <212> : <213> : <	22	
	Artificially synthesized primer sequence for RT-PCR	
<400> !		22
<210> 5 <211> 2 <212> 1 <213> 4	23	
	Artificially synthesized primer sequence for RT-PCR	
<400> 5 ctggtgt		23
<210> 5 <211> 2 <212> E <213> F	23	
	Artificially synthesized primer sequence for RT-PCR	
<400> 5 ctcatct		23
<210> 5 <211> 2 <212> C <213> A	22	
	Artificially synthesized primer sequence for RT-PCR	
/100> E		

ctaaagtctc ccagtttccc ct	22
<210> 55 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Artificially synthesized primer sequence for RT-PCR	
<400> 55 aagccagaga gcctttcctc	20
<210> 56 <211> 23 <212> DNA <213> Artificial Sequence	
<220> <223> Artificially synthesized primer sequence for RT-PCR	
<400> 56 cggtattctt aacacatctt gcc	23
<210> 57 <211> 23 <212> DNA <213> Artificial Sequence	
<220> <223> Artificially synthesized primer sequence for RT-PCR	
<400> 57 acctaacgtt tgtgccttat gtg	23
<210> 58 <211> 22 <212> DNA <213> Artificial Sequence	
<220> <223> Artificially synthesized primer sequence for RT-PCR	
<400> 58 aggttggaag atccatttcc tt	22
<210> 59 <211> 23 <212> DNA <213> Artificial Sequence	
<220> <223> Artificially synthesized primer sequence for RT-PCR	
<400> 59 cttgggtctg taacaaagca ttc	23

<210>		
<211>		
<212>		
<213>	Artificial Sequence	
<220>		
<223>	Artificially synthesized primer sequence for	
	RT-PCR	
<400>		
aaggat	tatg aggaggttgg tgt	23
<210>	61	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Artificially synthesized primer sequence for	
	RT-PCR	
<400>	61	
ttagct	gtgc tcgcgctact	20
, , ,	9-99-9-0000	20
<210>	62	
<211>		
<212>		
	Artificial Sequence	
1210/	Artificial Sequence	
<220>		
	Artificially synthogical arises are a	
\223/	Artificially synthesized primer sequence for RT-PCR	
	KI-FCK	
<400>	62	
	ggtt cacacggcac	
ccacac	gytt Cacacygcac	20
<210>	63	
<211>		
<211>		
<213>	Artificial Sequence	
<220		
<220>	The base of the state of the st	
<223>	Artificially synthesized primer sequence for	
	RT-PCR	
- 4 0 0 5	<b>62</b>	
<400>		
cgcgga	tece actatgaeat egeceeage	29
.010:	,	
<210>		
<211>		
<212>		
<213>	Artificial Sequence	
<220>		
	Artificially synthesized primer sequence for	
	RT-PCR	
<400>		
ccactc	qaqq caaaaaaqt cacaqcacqq	30

```
<210> 65
<211> 22
<212> DNA
<213> Artificial Sequence
<220>
<223> Artificially synthesized primer sequence for PCR
<400> 65
tggtagccaa gtgcaggtta ta
                                                                    22
<210> 66
<211> 22
<212> DNA
<213> Artificial Sequence
<220>
<223> Artificially synthesized primer sequence for PCR
<400> 66
ccaaagggtt tctgcagttt ca
                                                                    22
<210> 67
<211> 30
<212> DNA
<213> Artificial Sequence
<223> Artificially synthesized primer sequence for PCR
<400> 67
tgcggatcca gagcagattg tactgagagt
                                                                    30
<210> 68
<211> 29
<212> DNA
<213> Artificial Sequence
<223> Artificially synthesized primer sequence for PCR
<400> 68
ctctatctcg agtgaggcgg aaagaacca
                                                                    29
<210> 69
<211> 48
<212> DNA
<213> Artificial Sequence
<223> Artificially synthesized primer sequence for PCR
tttaagcttg aagaccattt ttggaaaaaa aaaaaaaa aaaaaaca
                                                                    48
<210> 70
<211> 34
<212> DNA
<213> Artificial Sequence
```

```
<220>
 <223> Artificially synthesized primer sequence for PCR
 <400> 70
 tttaagcttg aagacatggg aaagagtggt ctca
                                                                    34
 <211> 51
 <212> DNA
<213> Artificial Sequence
<220>
<223> Artificially synthesized oligonucleotide sequence
       for siRNA
<400> 71
caccgaggct gatggcaaga aacttcaaga gagtttcttg ccatcagcct c
                                                                    51
<210> 72
<211> 51
<212> DNA
<213> Artificial Sequence
<220>
<223> Artificially synthesized oligonucleotide sequence
      for siRNA
<400> 72
aaaagaggct gatggcaaga aactctcttg aagtttcttg ccatcagcct c
                                                                    51
<210> 73
<211> 51
<212> DNA
<213> Artificial Sequence
<220>
<223> Artificially synthesized oligonucleotide sequence
      for siRNA
<400> 73
caccgagatg aatctcacgg aatttcaaga gaattccgtg agattcatct c
                                                                    51
<210> 74
<211> 51
<212> DNA
<213> Artificial Sequence
<220>
<223> Artificially synthesized oligonucleotide sequence
      for siRNA
<400> 74
aaaagagatg aatctcacgg aattctcttg aaattccgtg agattcatct c
                                                                   51
<210> 75
<211> 51
<212> DNA
<213> Artificial Sequence
<220>
```

```
<223> Artificially synthesized oligonucleotide sequence
      for siRNA
<400> 75
caccgtagga cacttettat tegtteaaga gacgaataag aagtgteeta e
                                                                    51
<210> 76
<211> 51
<212> DNA
<213> Artificial Sequence
<223> Artificially synthesized oligonucleotide sequence
      for siRNA
aaaagtagga cacttettat tegtetettg aacgaataag aagtgteeta e
                                                                    51
<210> 77
<211> 51
<212> DNA
<213> Artificial Sequence
<223> Artificially synthesized oligonucleotide sequence
      for siRNA
caccgtgatg cattgttcct tcattcaaga gatgaaggaa caatgcatca c
                                                                    51
<210> 78
<211> 51
<212> DNA
<213> Artificial Sequence
<223> Artificially synthesized oligonucleotide sequence
      for siRNA
aaaagtgatg cattgttcct tcatctcttg aatgaaggaa caatgcatca c
                                                                   51
<210> 79
<211> 51
<212> DNA
<213> Artificial Sequence
<223> Artificially synthesized oligonucleotide sequence
      for siRNA
caccgcttgg ctgtagatat ctcttcaaga gagagatatc tacagccaag c
                                                                   51
<210> 80
<211> 51
<212> DNA
<213> Artificial Sequence
<220>
<223> Artificially synthesized oligonucleotide sequence
```

## for siRNA

<400> aaaag	80 cttgg ctgtagatat ctctctcttg aagagatatc tacagccaag c	51
<210><211><211><212><213>	51	
<220> <223>	Artificially synthesized oligonucleotide sequence for siRNA	
<400> caccga	·-	51
<210><211><212><212><213>	51	
<220> <223>	Artificially synthesized oligonucleotide sequence for siRNA	
<400> aaaaga		51
<210><211><211><212><213>	51	
<220> <223>	Artificially synthesized oligonucleotide sequence for siRNA	
<400> caccgt		51
<210><211><211><212><213>	51	
<220> <223>	Artificially synthesized oligonucleotide sequence for siRNA	
<400>		
aaaagt	gege tgetggtgee aactteaaga gagttggeae eageagegea e	51
<210><211><211><212><213>	19	
<220>		
	Target sequence for siRNA	

<400> 85	
gtaggacact tcttattcg	19
<210> 86	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Target sequence for siRNA	
<400> 86	
gtgatgcatt gttccttca	1 9